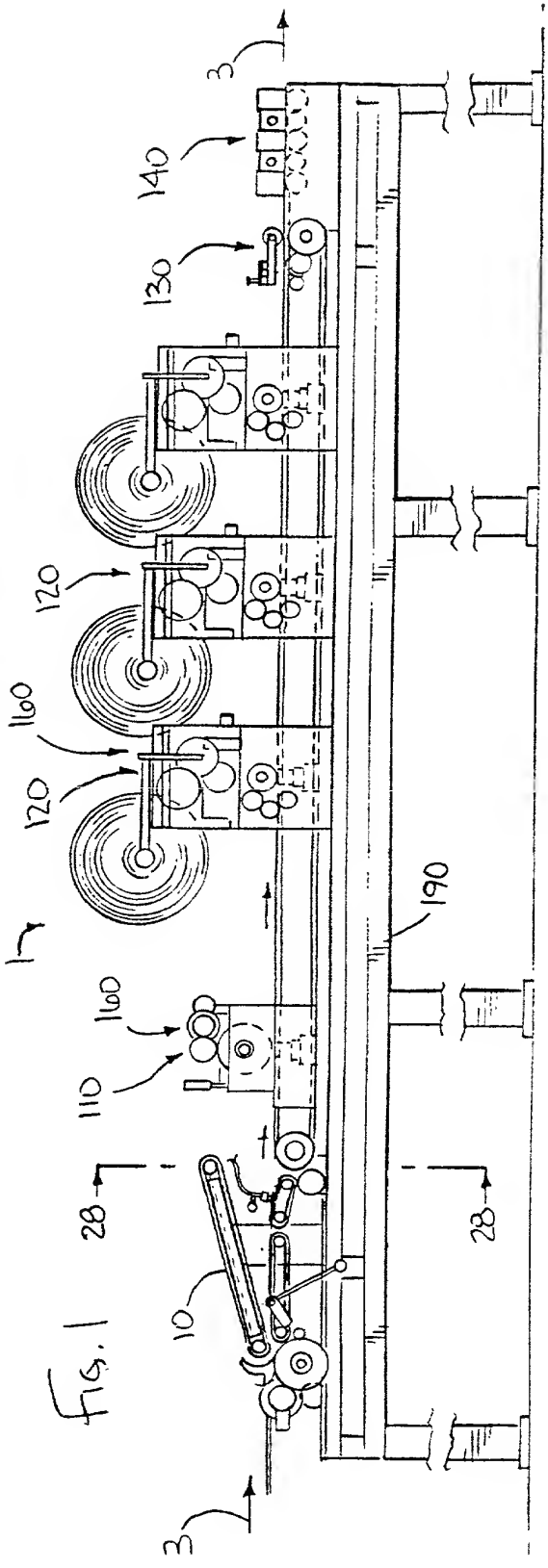
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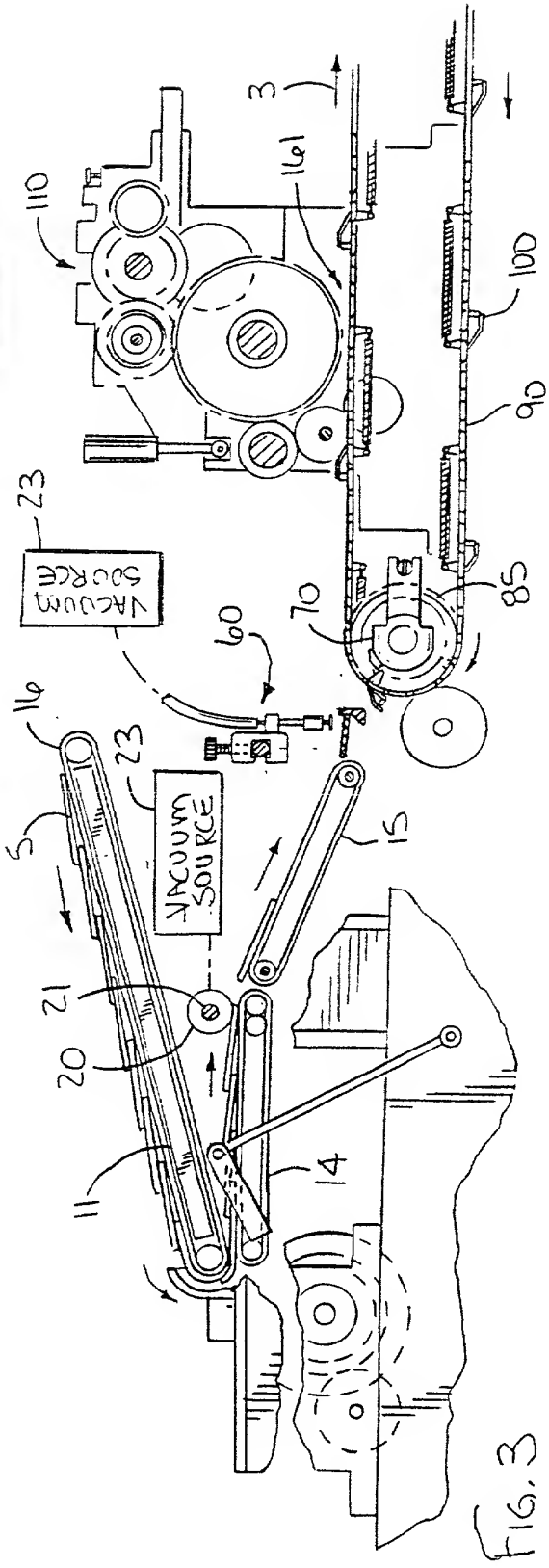
3

FIG. 1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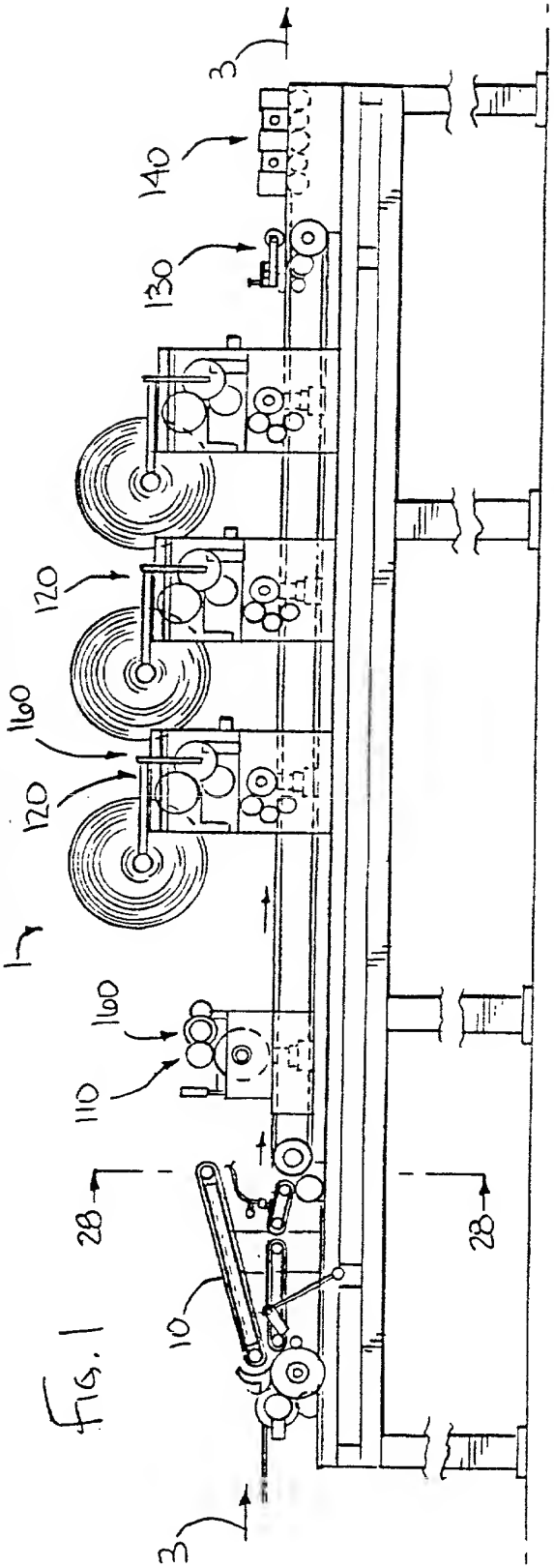
90
23
VACUUM SOURCE
70
85
60
16
23
VACUUM SOURCE
5
15
21
20
11
14

FIG. 3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28
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FIG. 1

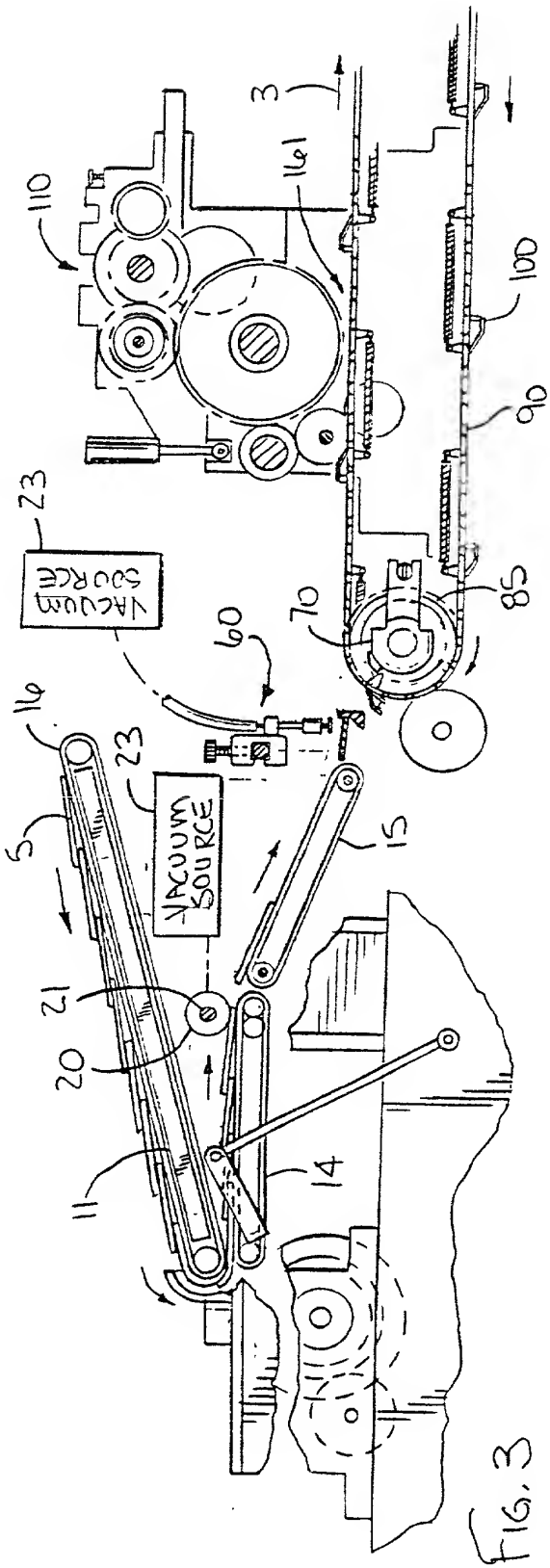
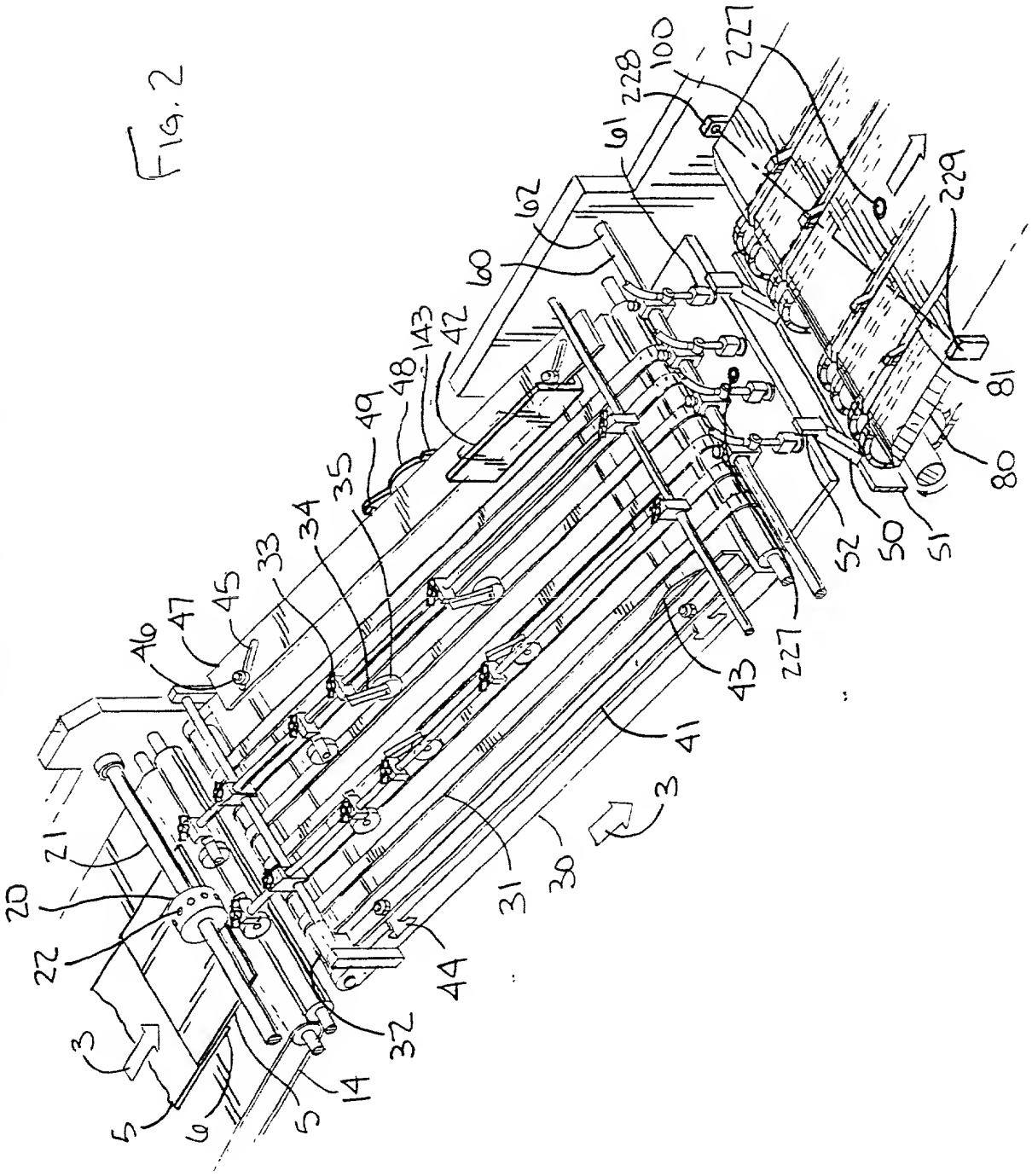

3
110
161
100
90
23
VACUUM SOURCE
85
70
60
16
23
VACUUM SOURCE
5
15
21
20
11
14

FIG. 3

Fig. 2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6
5

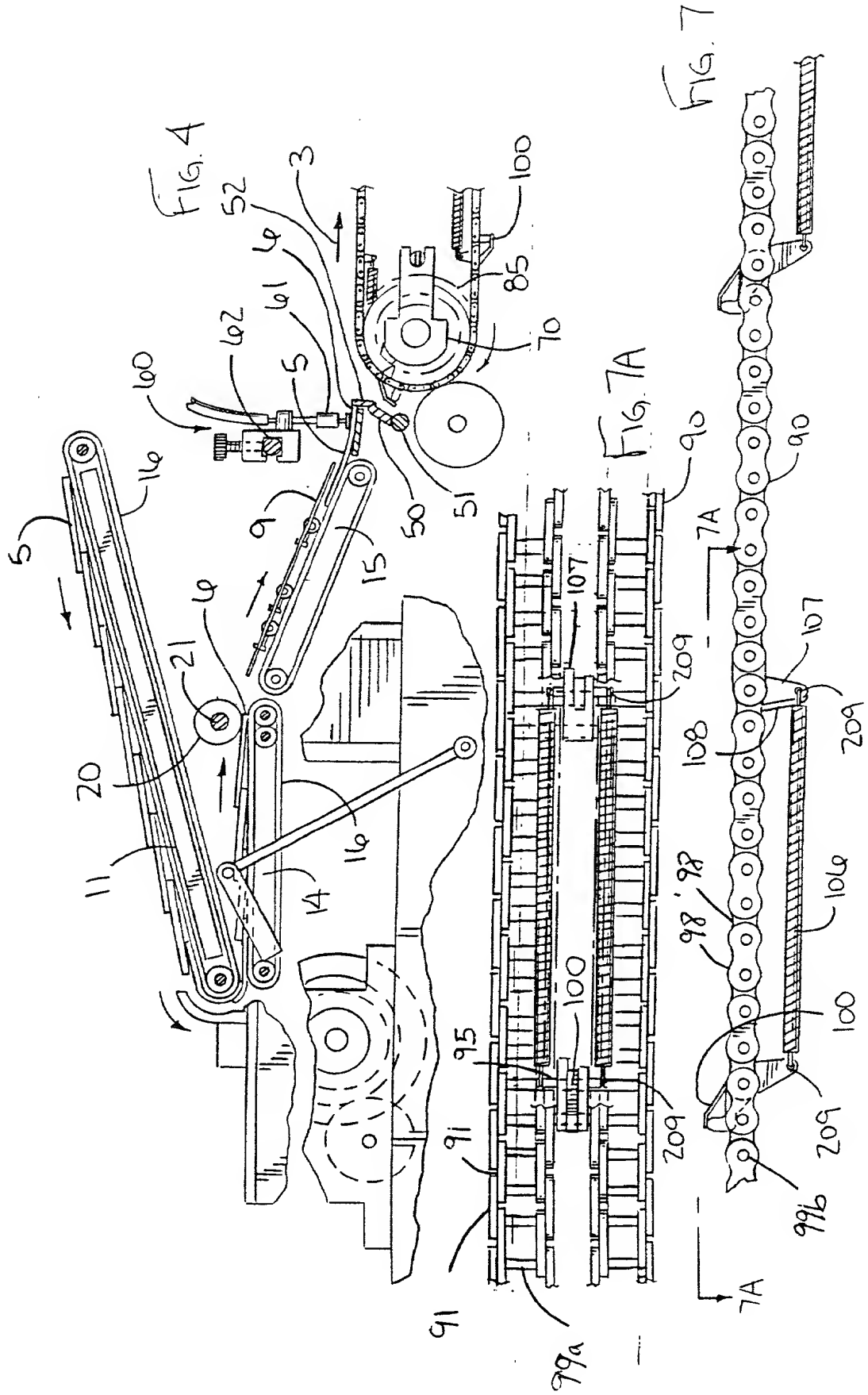
Fig. 4
Fig. 7
Fig. 7A
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62
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5
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51
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15
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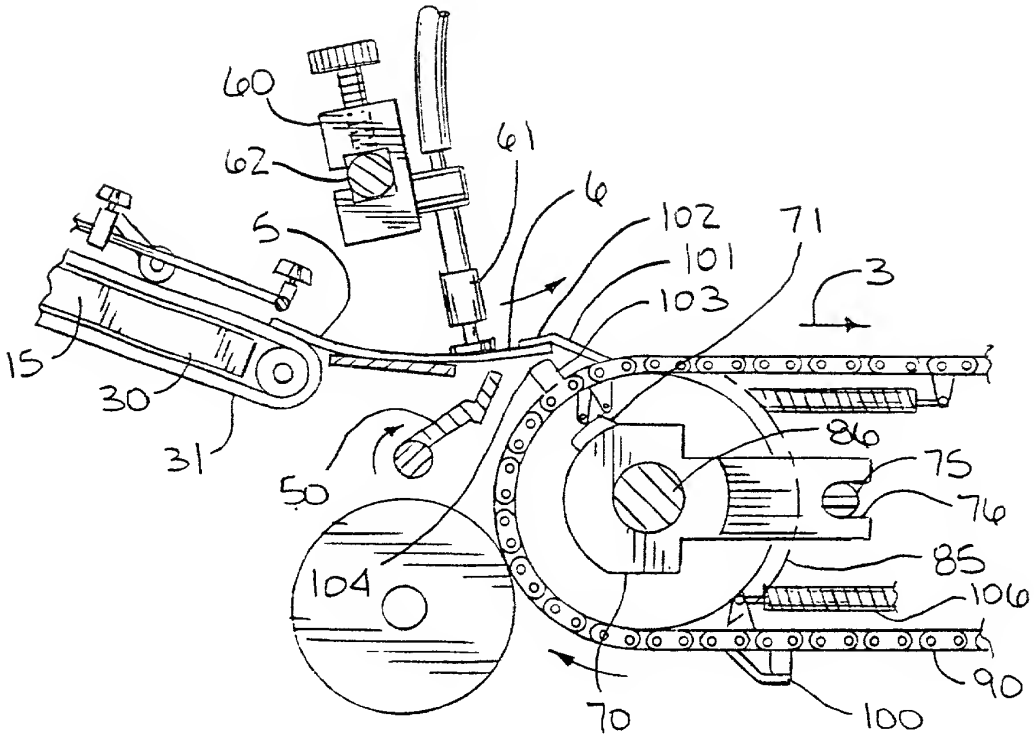
108
206
98
98'
104
100
95
91
99a
99b
90
7A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76
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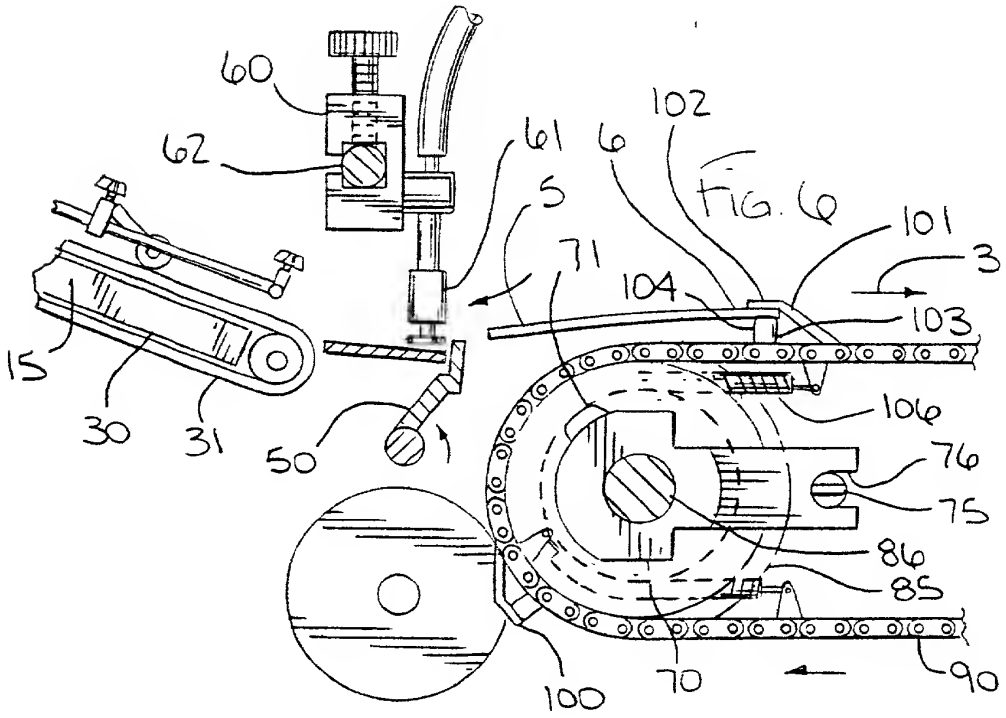
104
90
70
100

FIG. 5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100
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FIG. 6

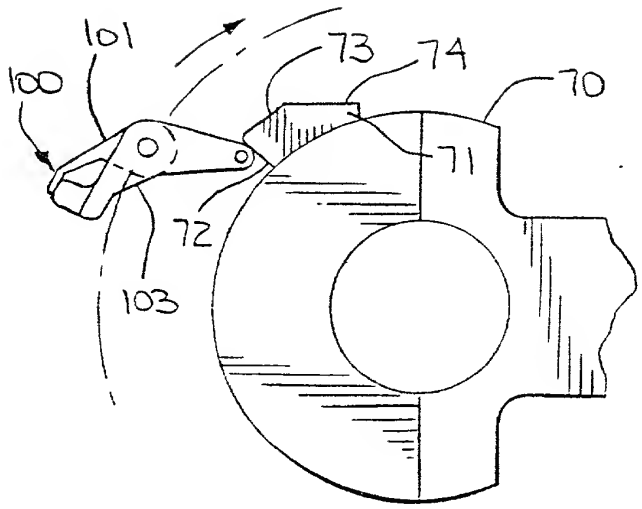


FIG. 8A

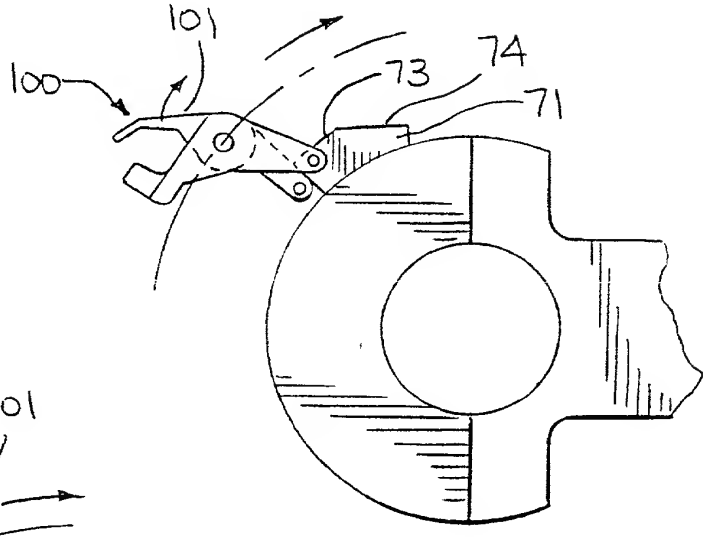


FIG. 8B

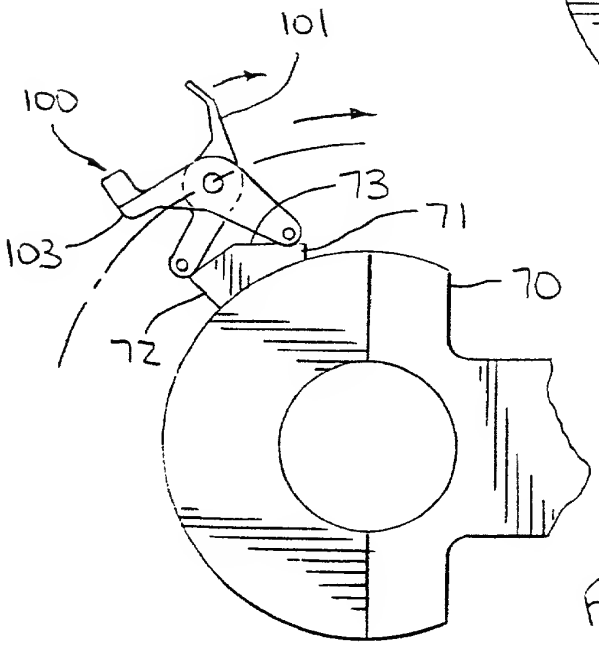


FIG. 8C

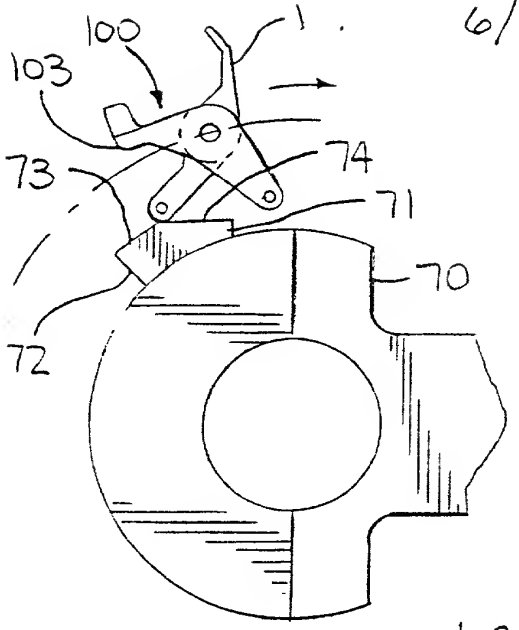


FIG. 8D

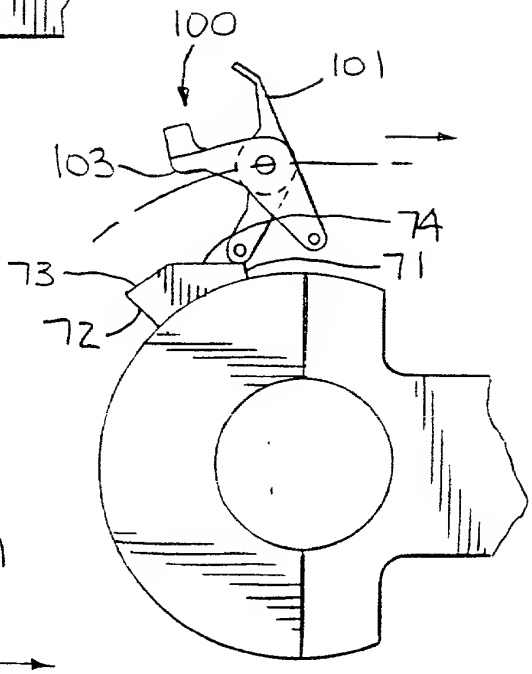


FIG. 8E

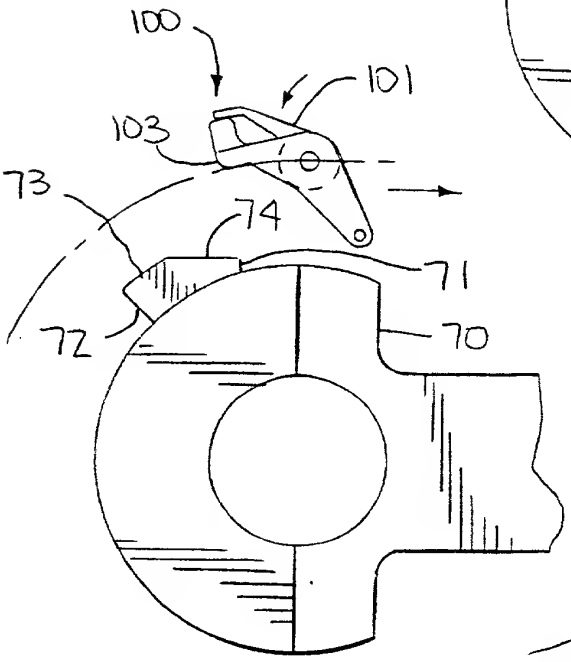
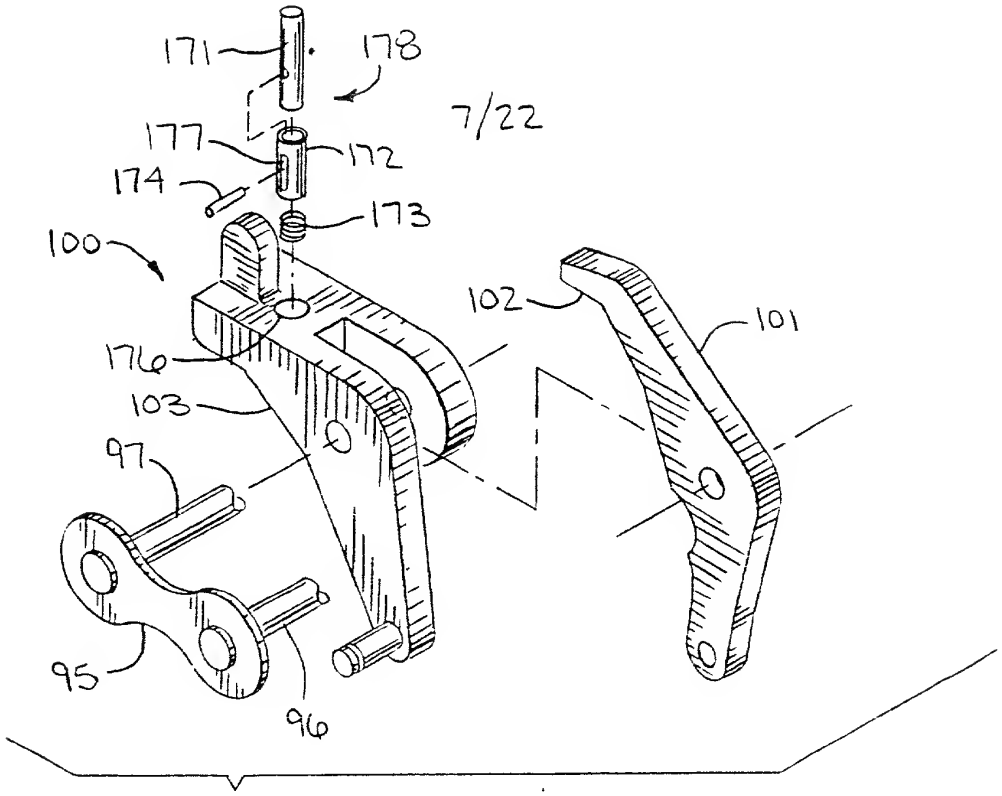


FIG. 8F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173
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102
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97
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96

FIG. 9

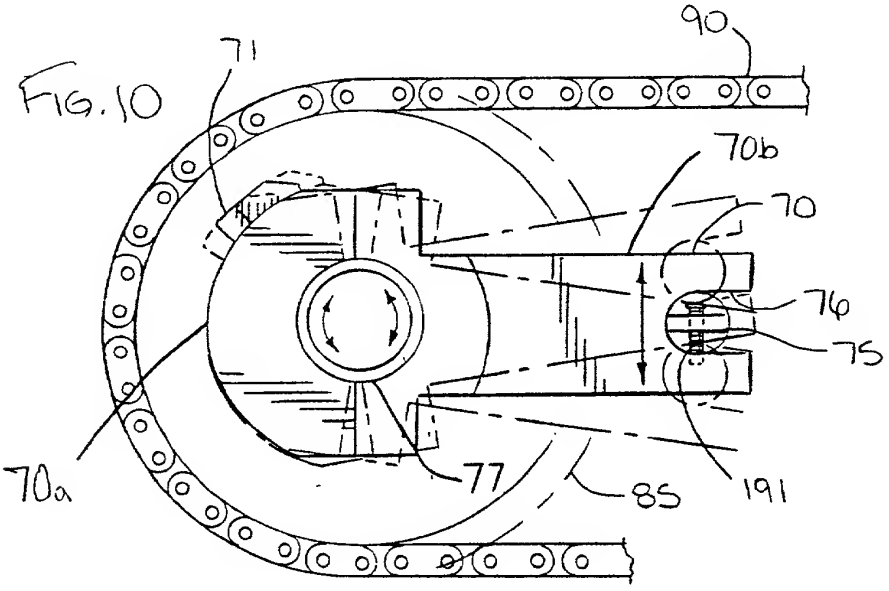

90
71
70b
70
76
75
70a
77
85
191

FIG. 10

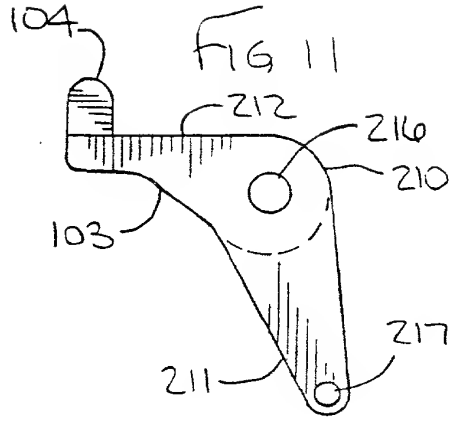


FIG 11

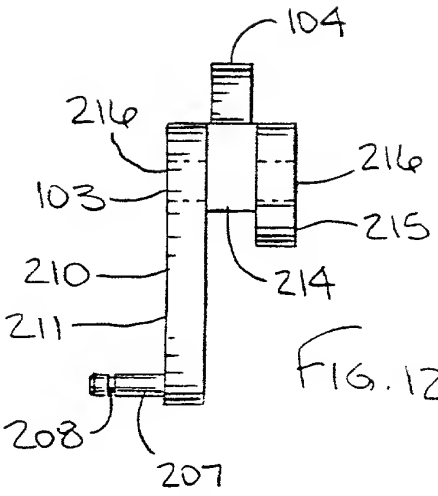


FIG. 12

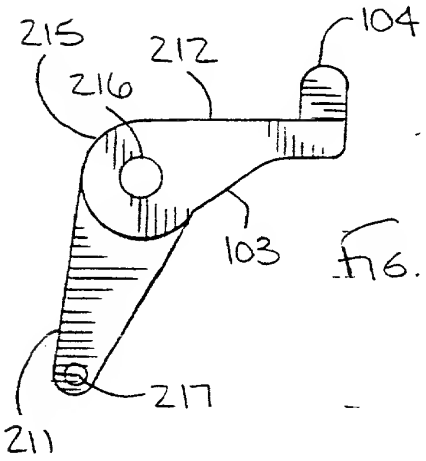


FIG. 13

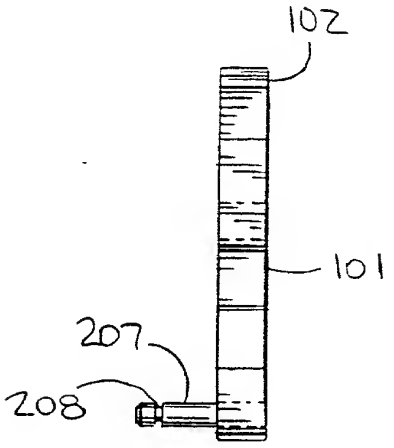


FIG. 15

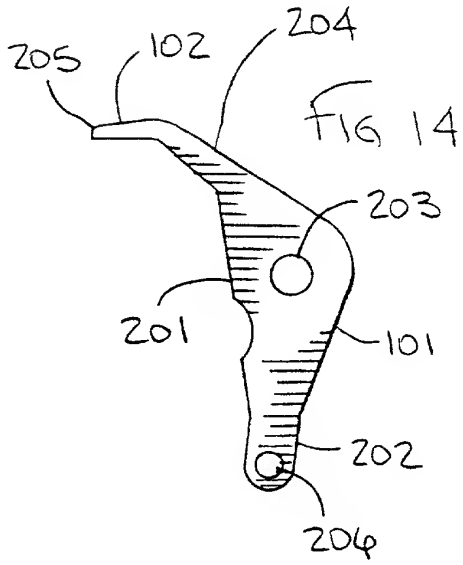


FIG 14

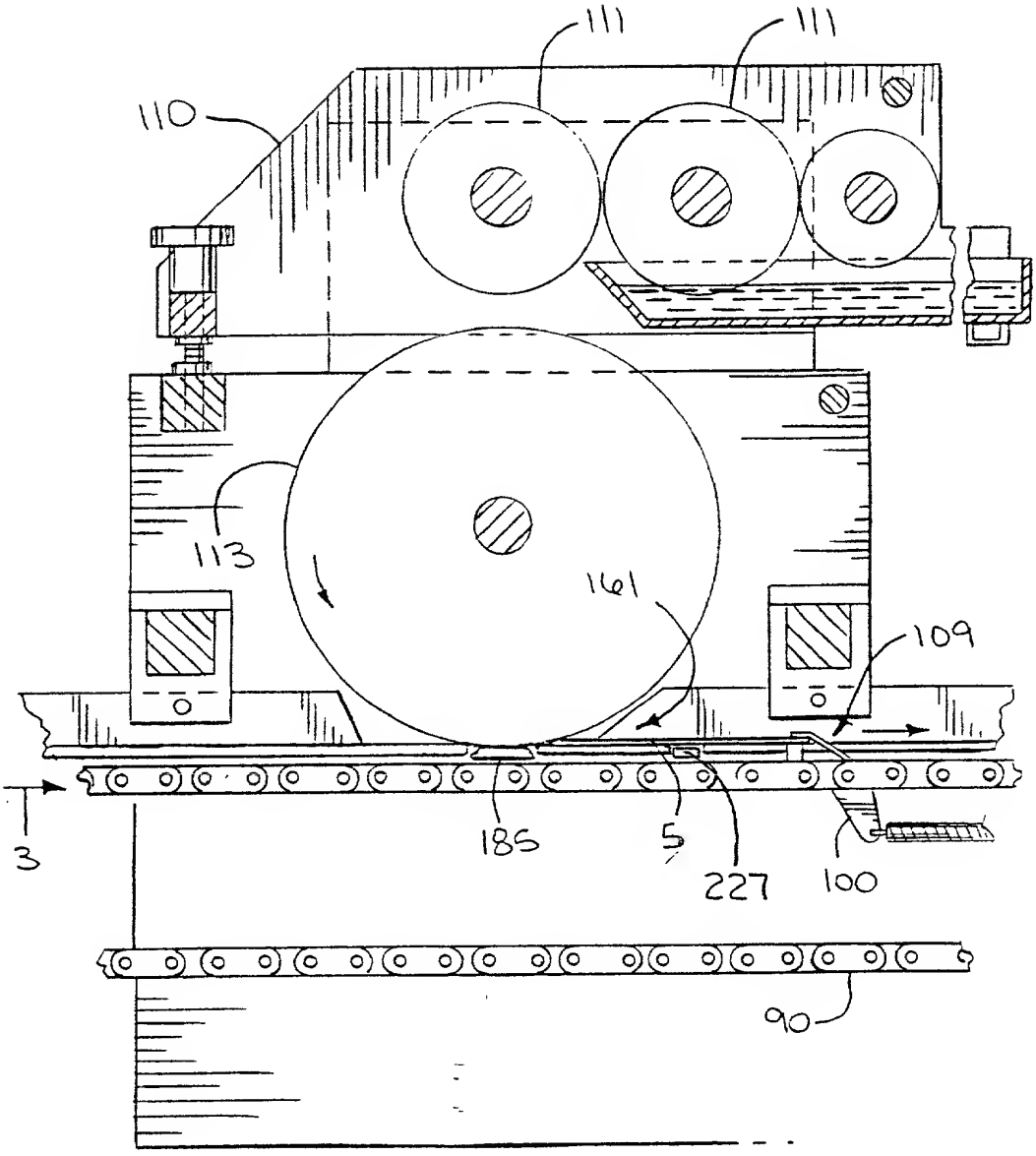


FIG. 16

FIG. 17

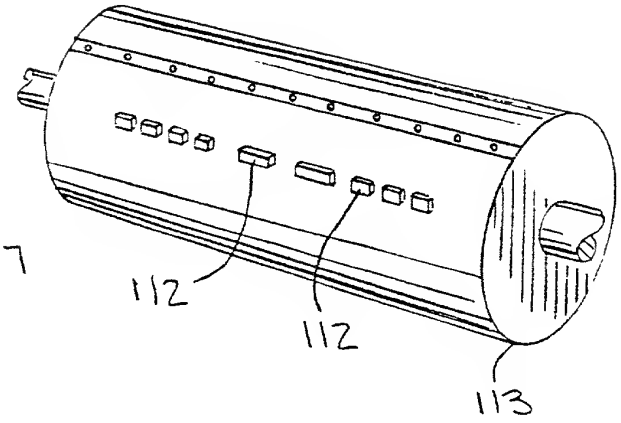


FIG. 18

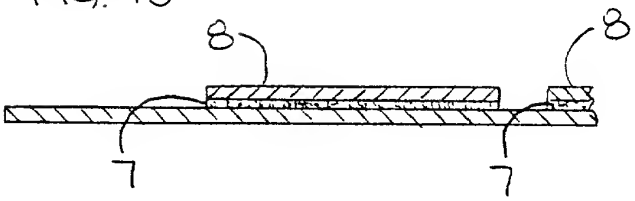
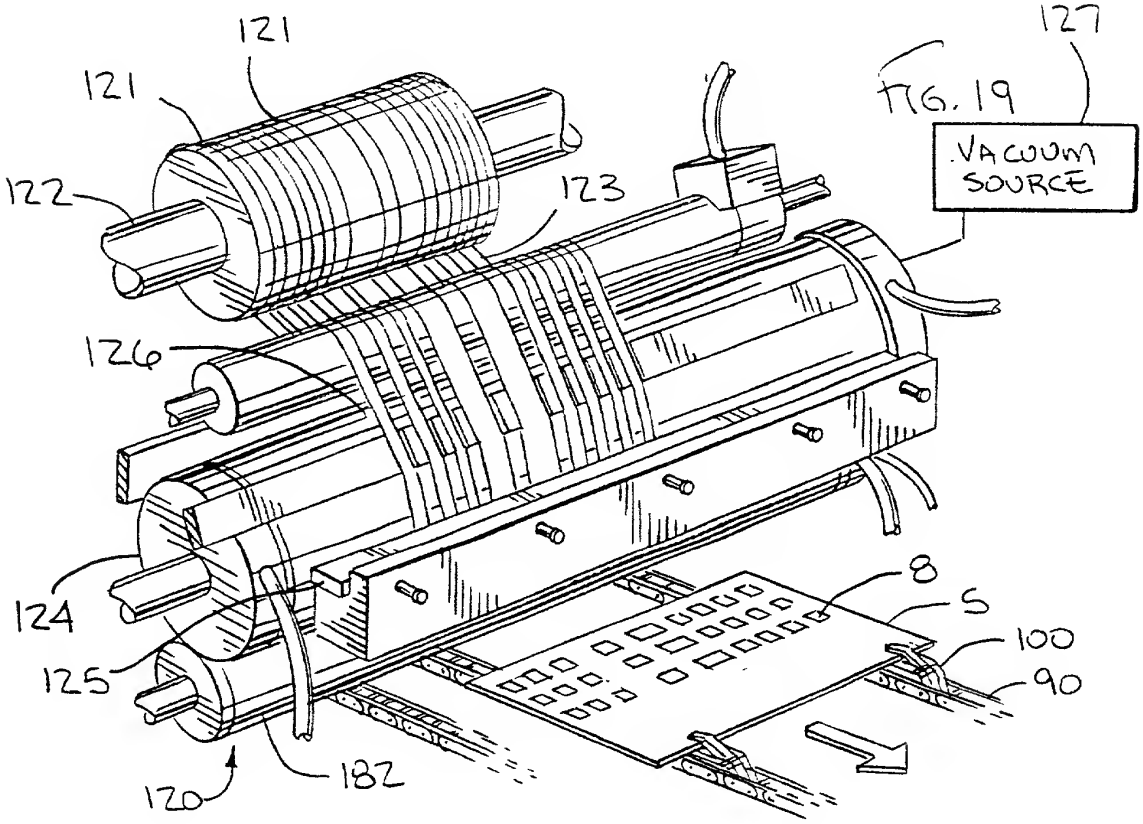


FIG. 19



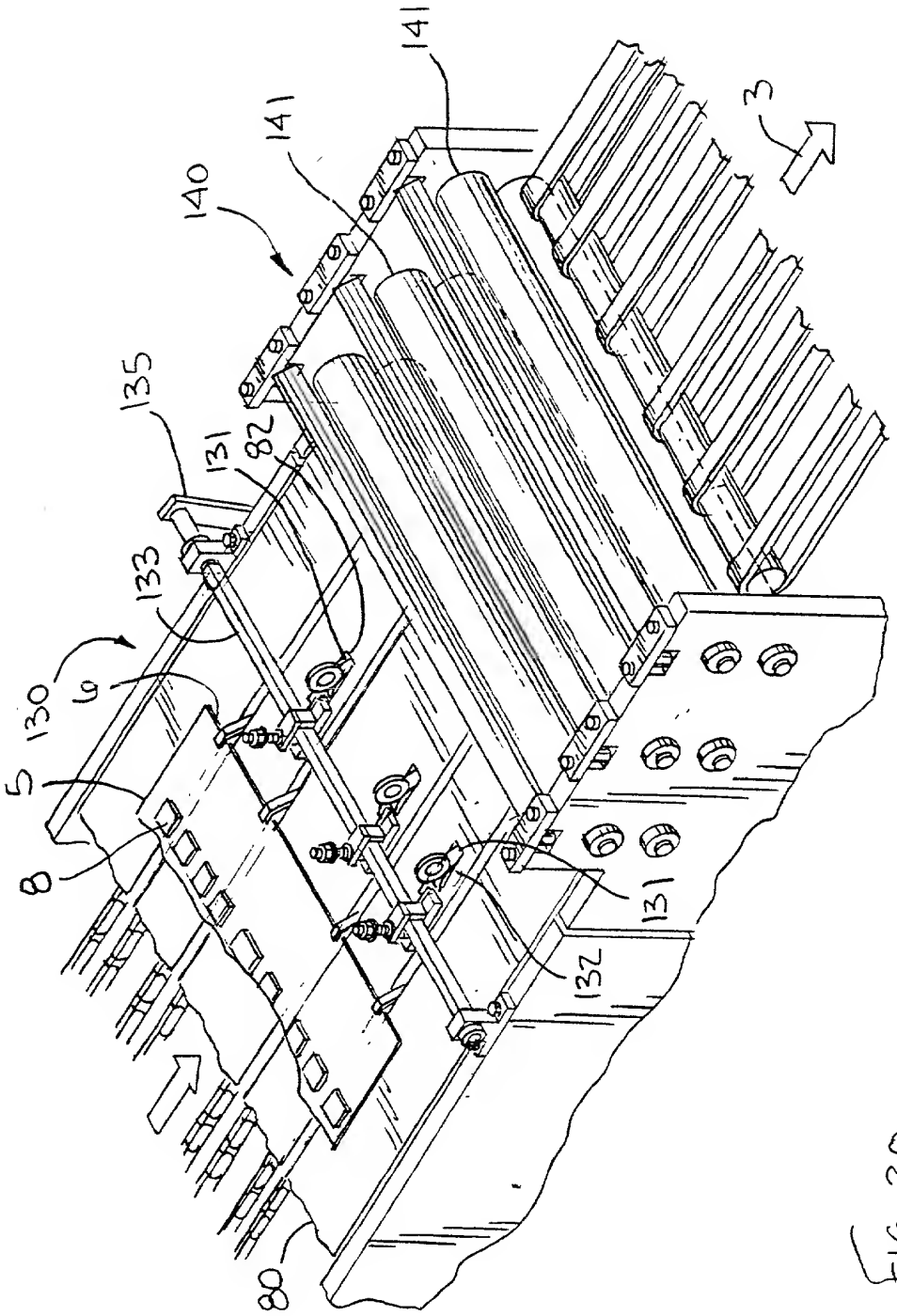
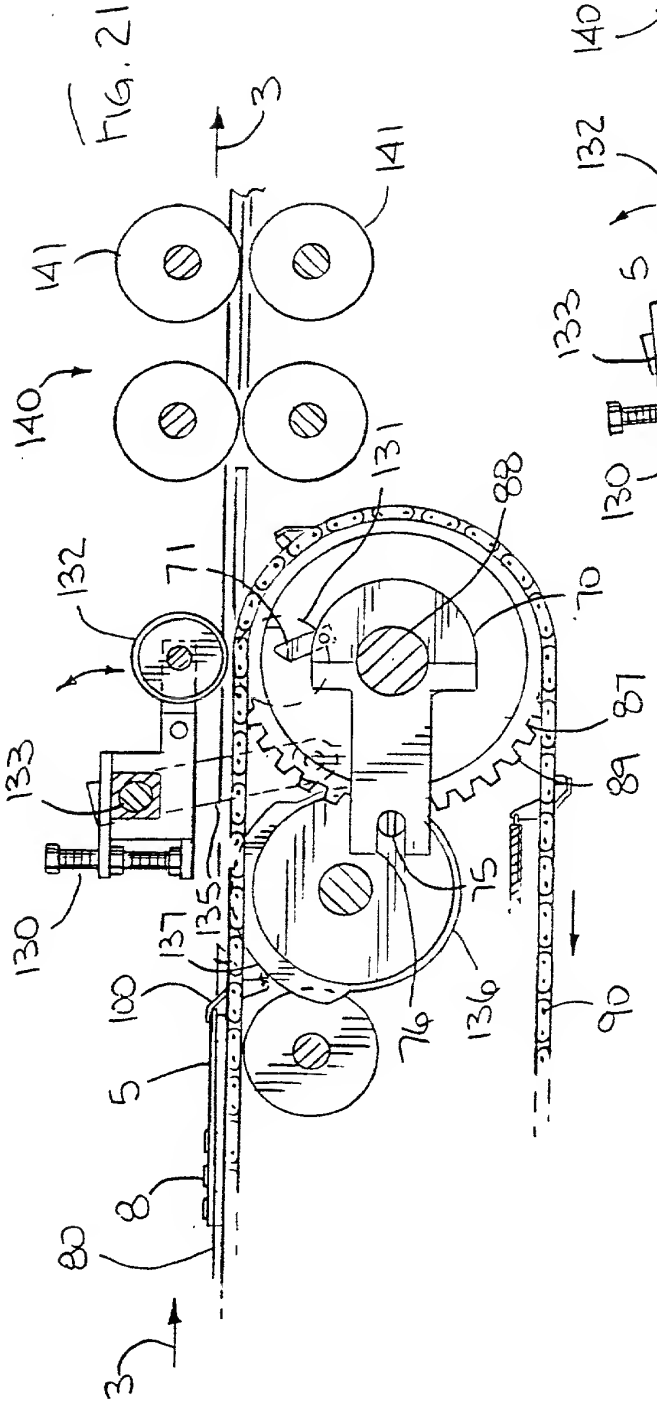


FIG. 20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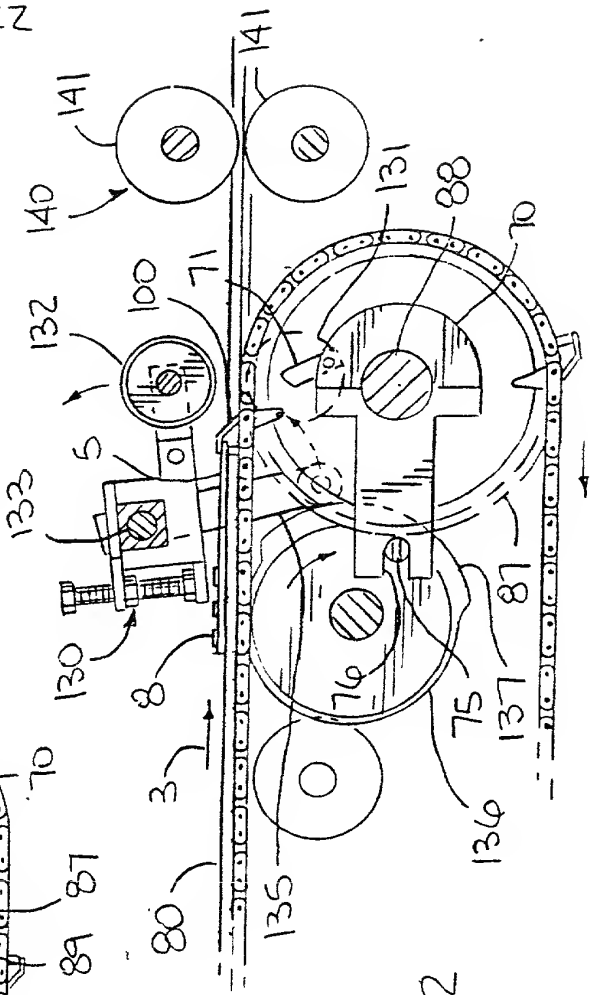
89
90

Fig. 21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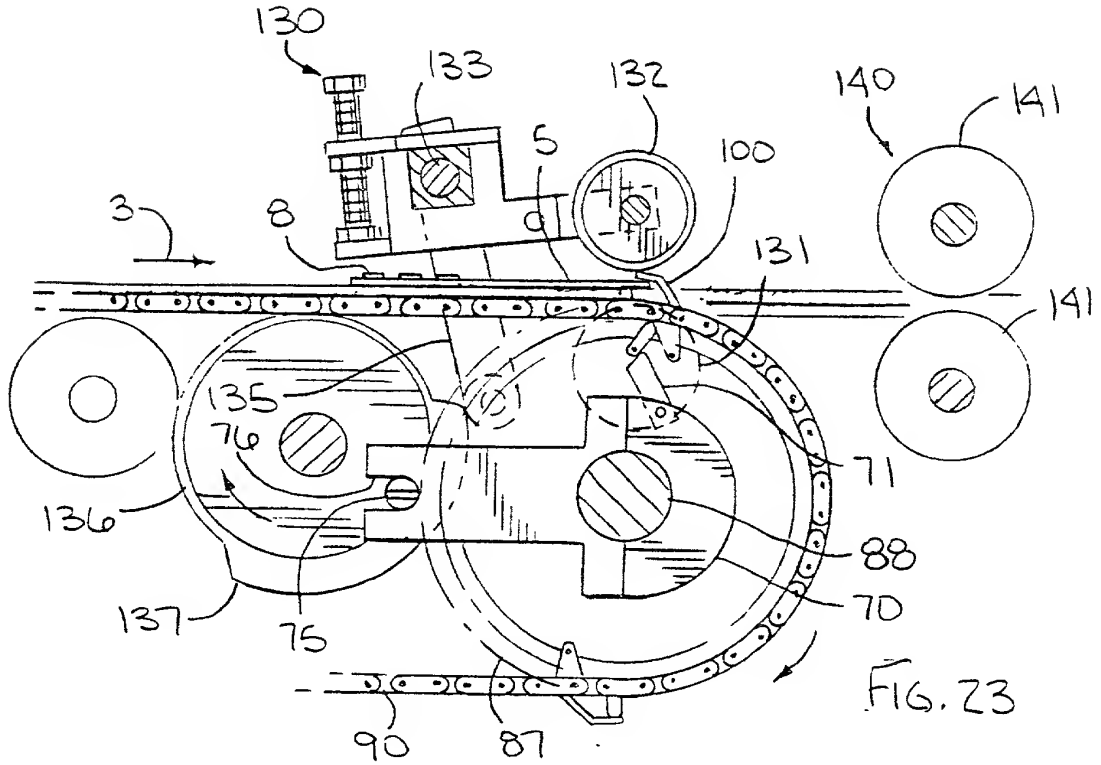
136

Fig. 22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87

FIG. 23

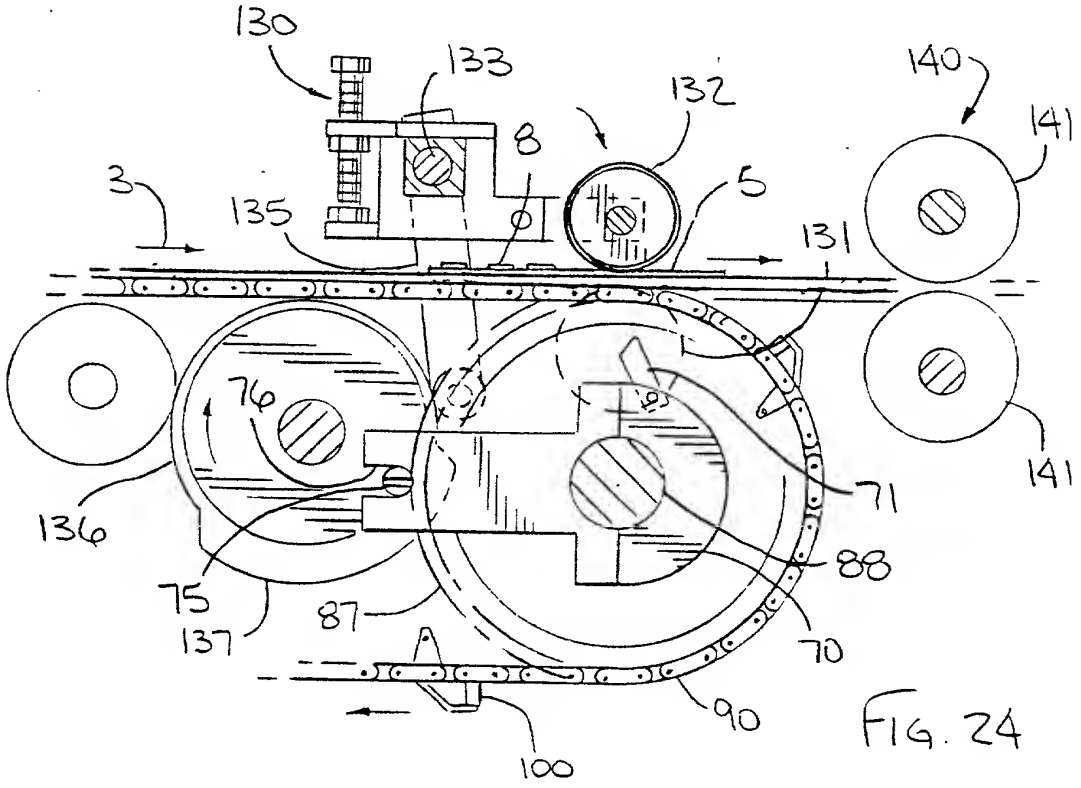
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FIG. 24

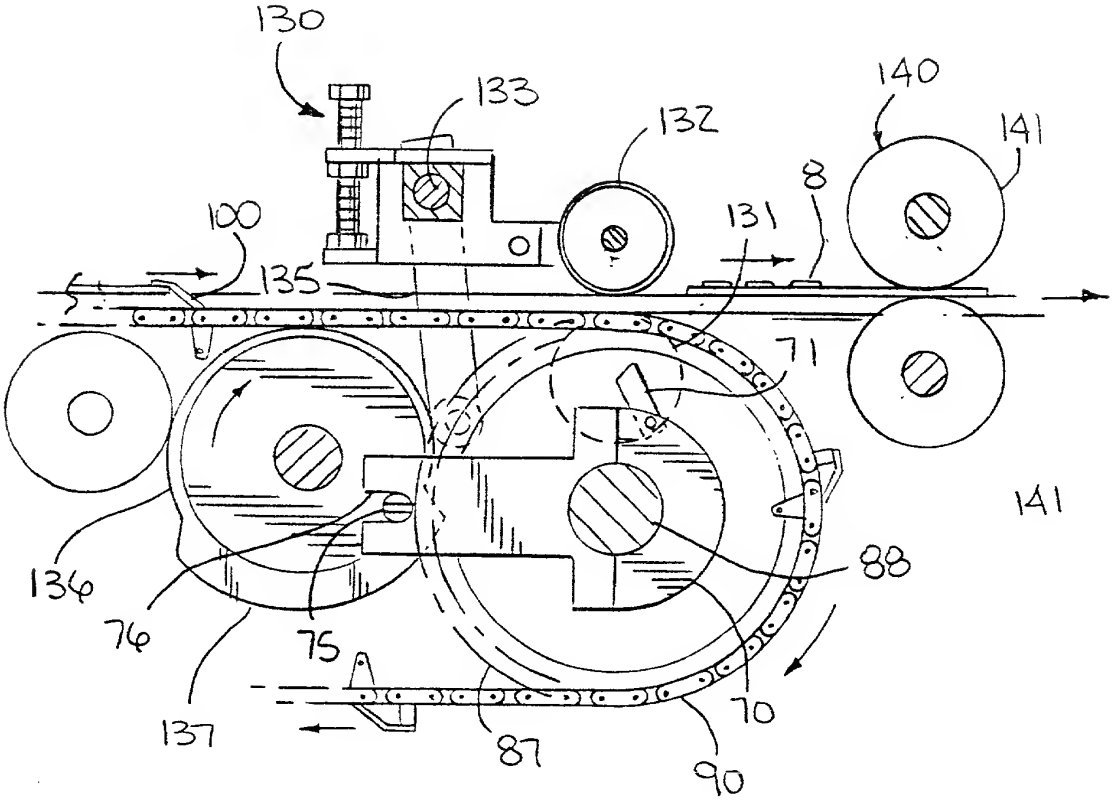
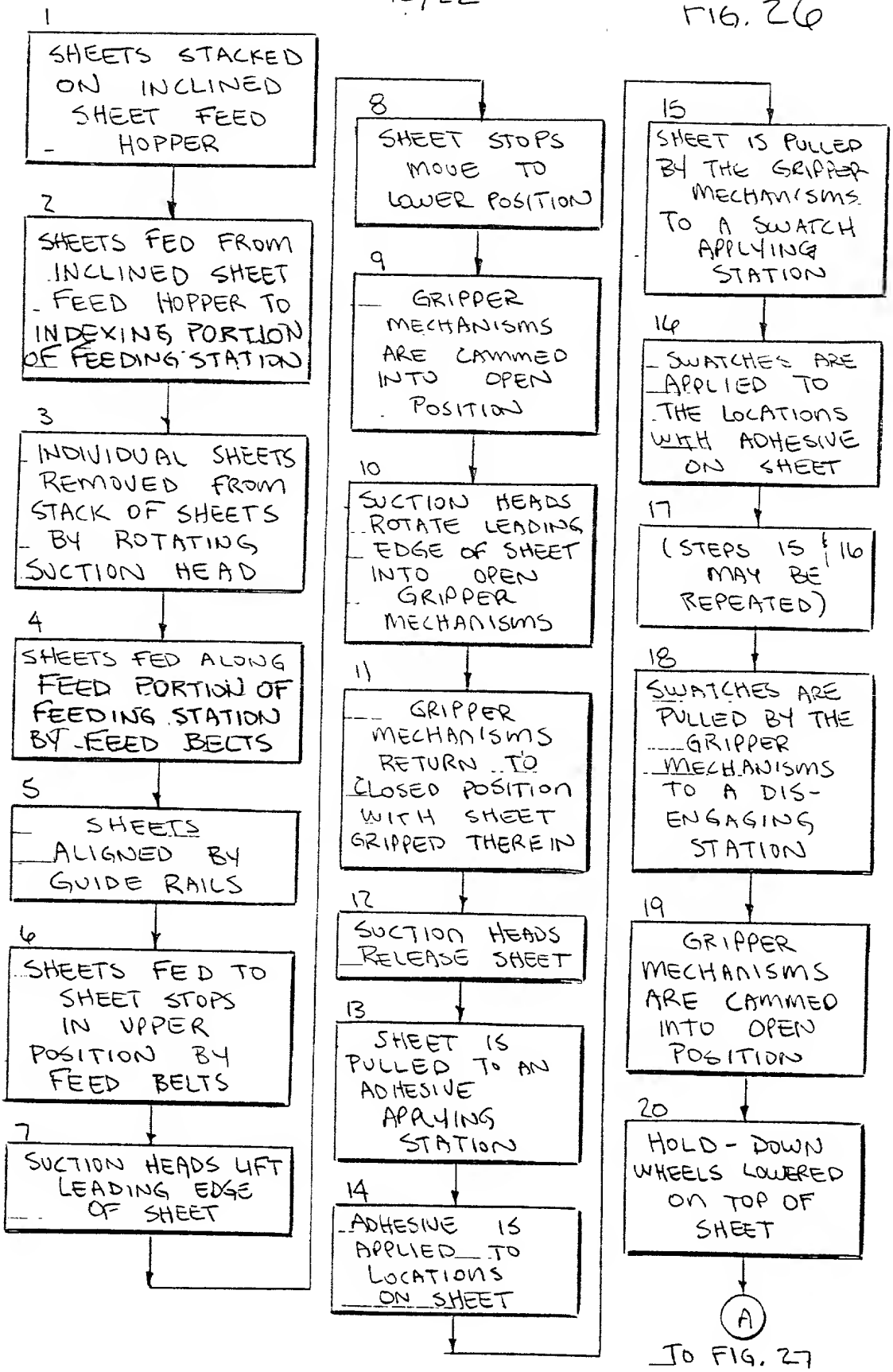


FIG. 25

FIG. 26


1
SHEETS STACKED ON INCLINED SHEET FEED HOPPER
2
SHEETS FED FROM INCLINED SHEET FEED HOPPER TO INDEXING PORTION OF FEEDING STATION
3
INDIVIDUAL SHEETS REMOVED FROM STACK OF SHEETS BY ROTATING SUCTION HEAD
4
SHEETS FED ALONG FEED PORTION OF FEEDING STATION BY FEED BELTS
5
SHEETS ALIGNED BY GUIDE RAILS
6
SHEETS FED TO SHEET STOPS IN UPPER POSITION BY FEED BELTS
7
SUCTION HEADS LIFT LEADING EDGE OF SHEET
8
SHEET STOPS MOVE TO LOWER POSITION
9
GRIPPER MECHANISMS ARE CAMMED INTO OPEN POSITION
10
SUCTION HEADS ROTATE LEADING EDGE OF SHEET INTO OPEN GRIPPER MECHANISMS
11
GRIPPER MECHANISMS RETURN TO CLOSED POSITION WITH SHEET GRIPPED THEREIN
12
SUCTION HEADS RELEASE SHEET
13
SHEET IS PULLED TO AN ADHESIVE APPLYING STATION
14
ADHESIVE IS APPLIED TO LOCATIONS ON SHEET
15
SHEET IS PULLED BY THE GRIPPER MECHANISMS TO A SWATCH APPLYING STATION
16
SWATCHES ARE APPLIED TO THE LOCATIONS WITH ADHESIVE ON SHEET
17
(STEPS 15 & 16 MAY BE REPEATED)
18
SWATCHES ARE PULLED BY THE GRIPPER MECHANISMS TO A DISENGAGING STATION
19
GRIPPER MECHANISMS ARE CAMMED INTO OPEN POSITION
20
HOLD-DOWN WHEELS LOWERED ON TOP OF SHEET
A
TO FIG. 27

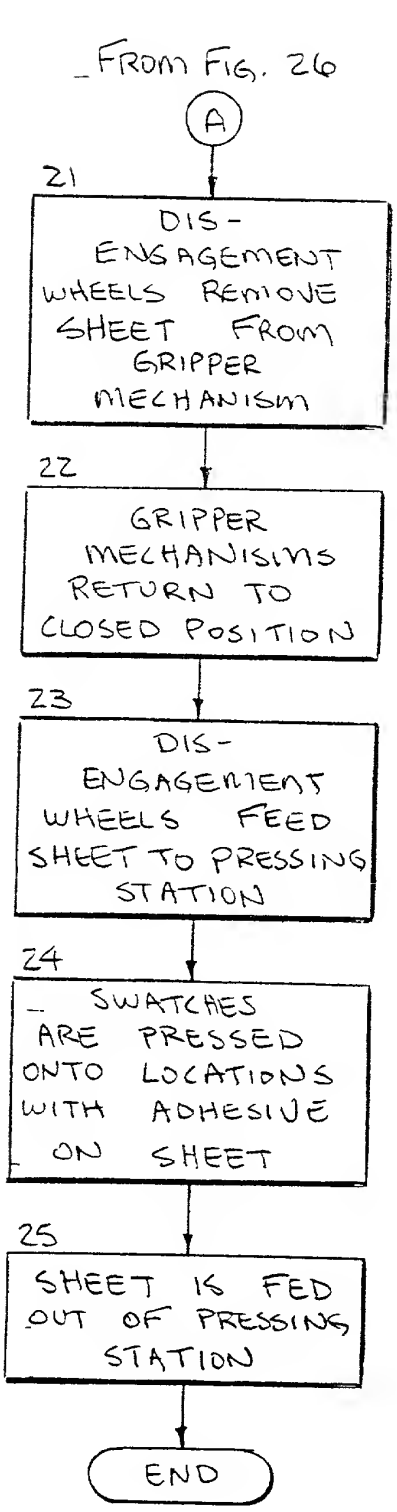

FROM FIG. 26
A
21
DIS-ENGAGEMENT WHEELS REMOVE SHEET FROM GRIPPER MECHANISM
22
GRIPPER MECHANISMS RETURN TO CLOSED POSITION
23
DIS-ENGAGEMENT WHEELS FEED SHEET TO PRESSING STATION
24
SWATCHES ARE PRESSED ONTO LOCATIONS WITH ADHESIVE ON SHEET
25
SHEET IS FED OUT OF PRESSING STATION
END

FIG. 27

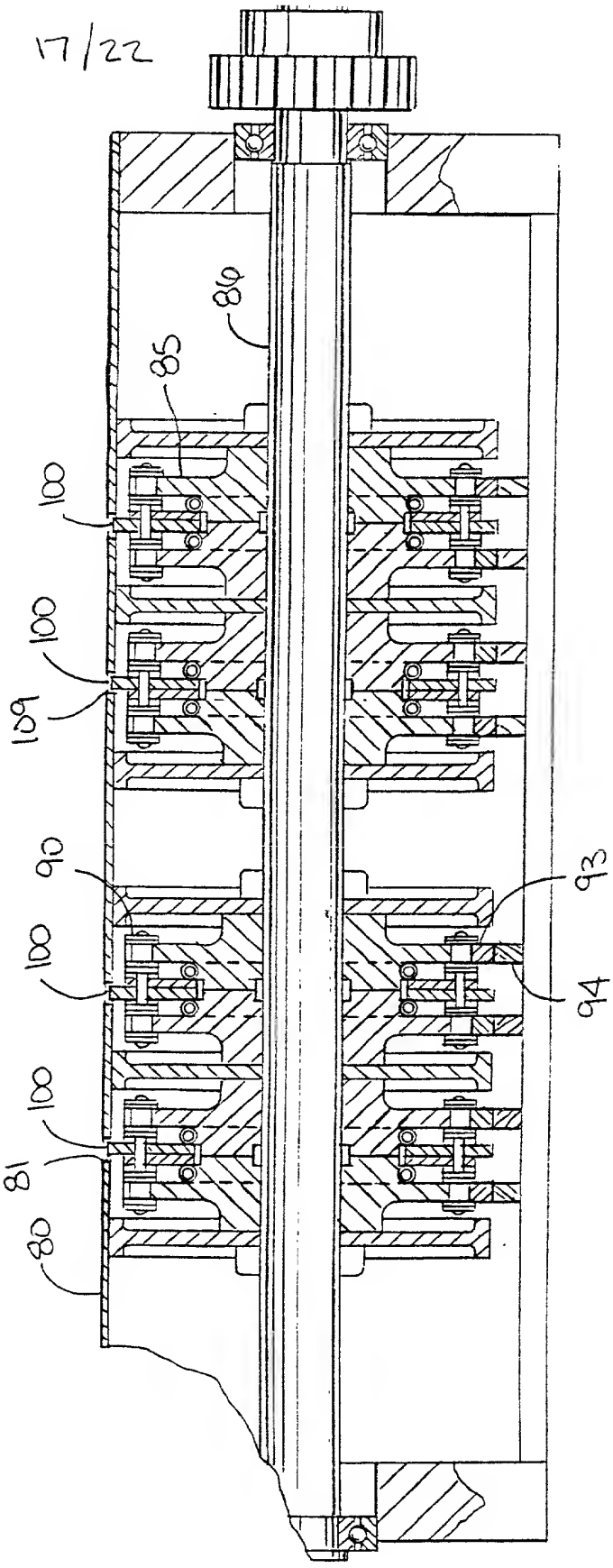


FIG. 28

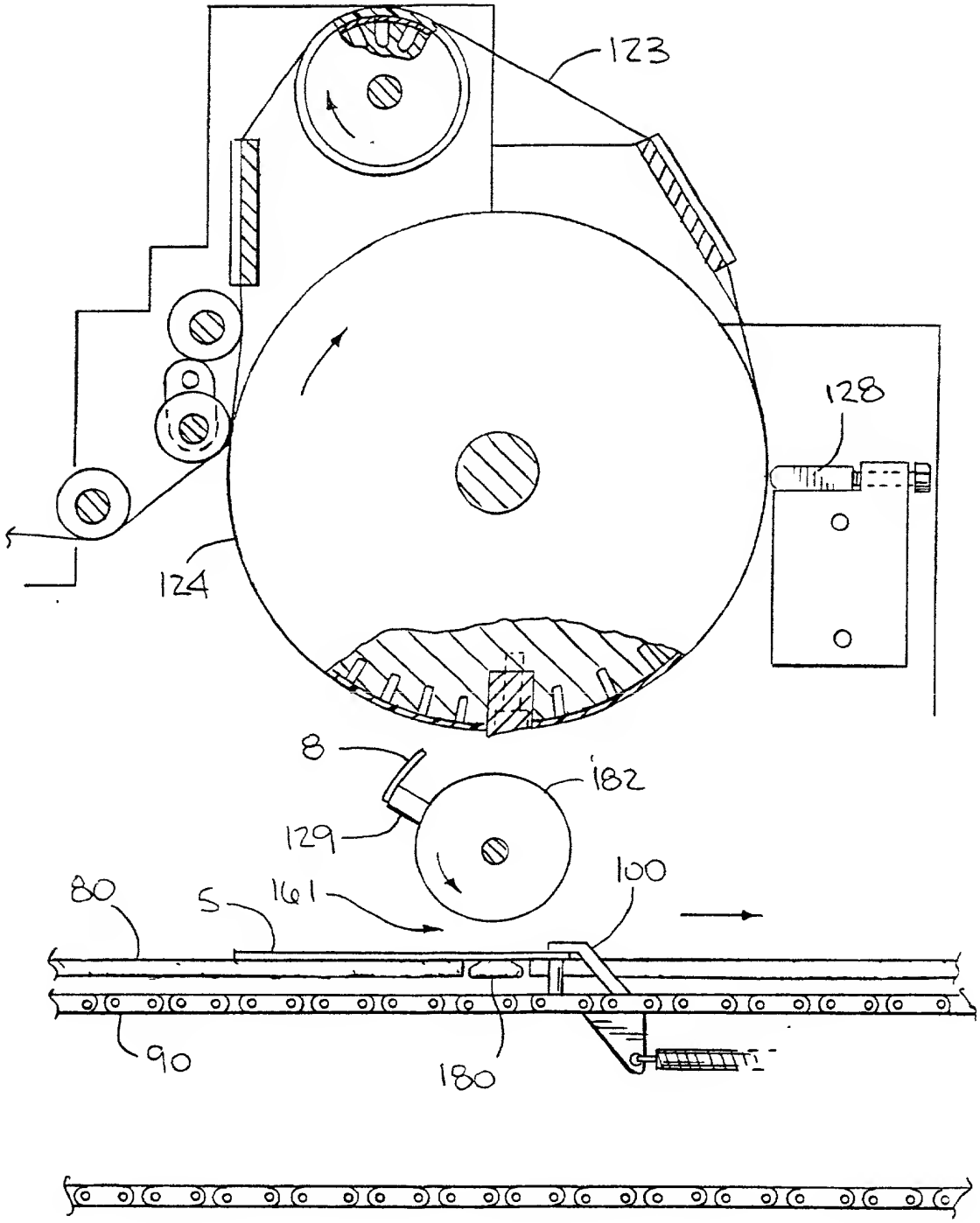


FIG. 29

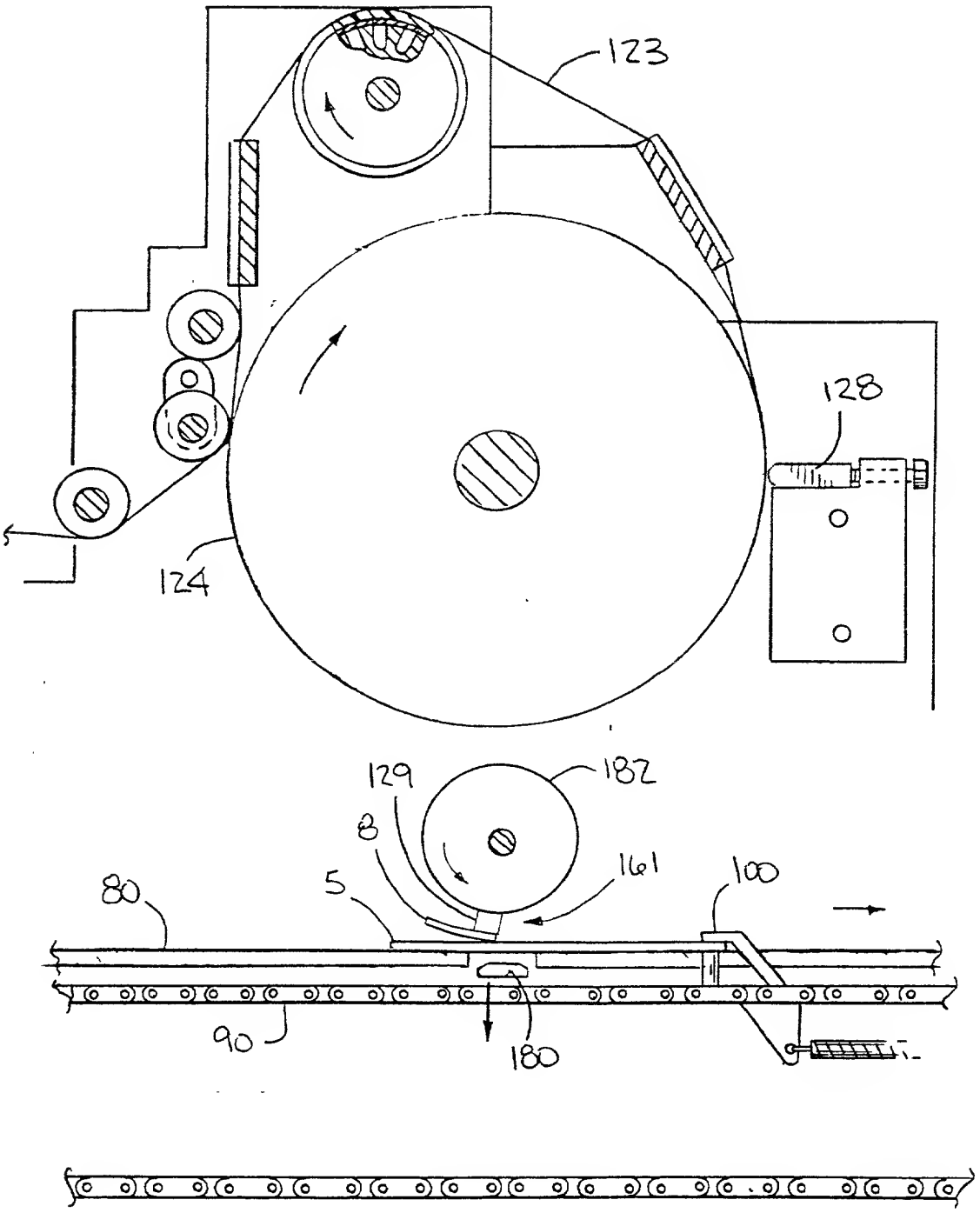


FIG. 30

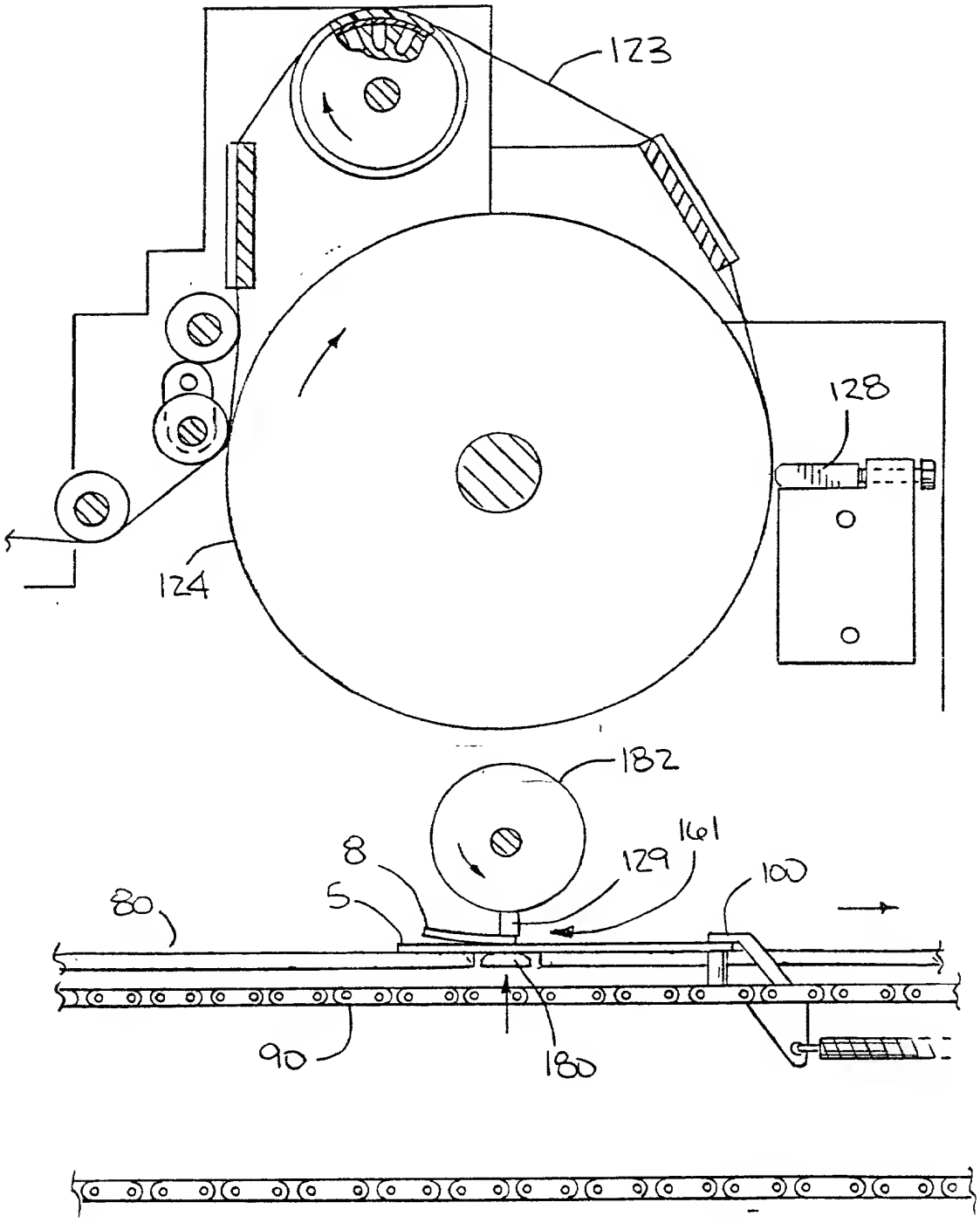


Fig. 31

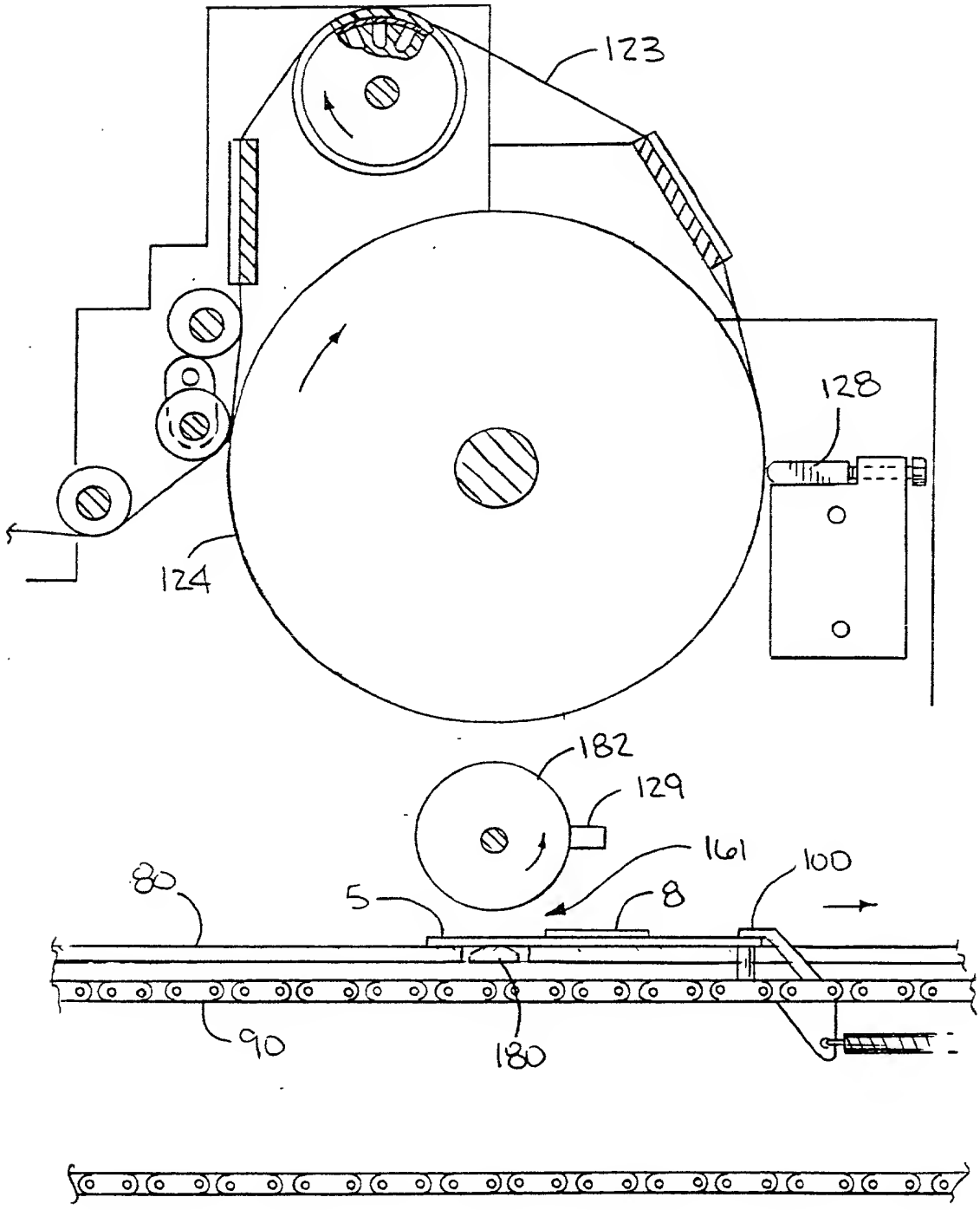


FIG. 32

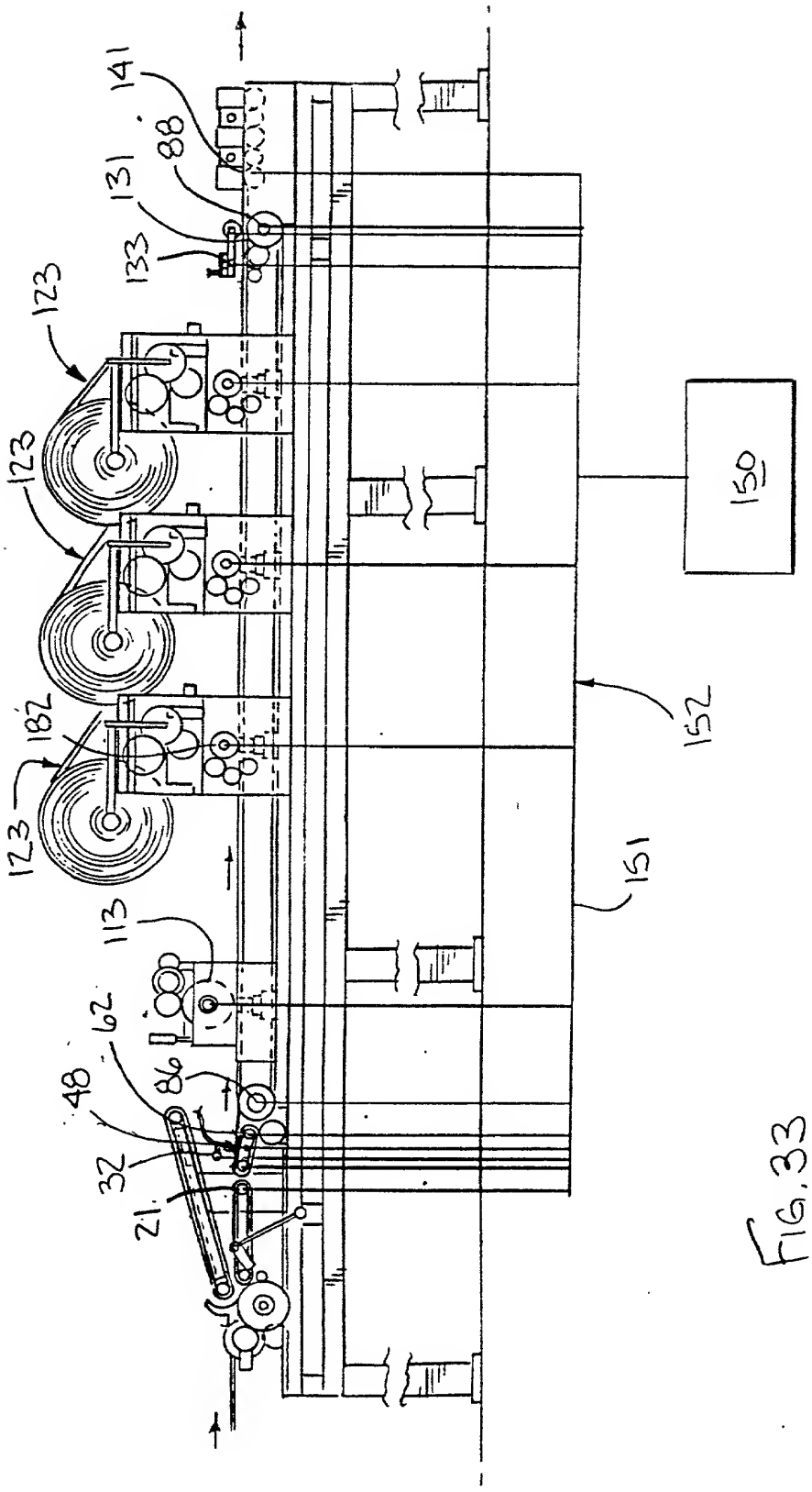


FIG. 33